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Supplement II

CHANGES IN FARM PRODUCTION AND EFFICIENCY

ANNUAL SUMMARY, 1955

SUPPLEMENT II

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U. S. DEPARTMENT OF AGRICULTURE

Index numbers of man-hours of labor used for farm work, by groups of livestock and crops for each geographic division, 1919-54

UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Research Service
Washington, D. C.
June 1955

The purpose of this supplement is to provide additional data on changes in man-hours of labor used for farm work in each geographic division. The desirability of limiting the size of the main publication prevented their inclusion in it. Yet, many people are interested in the trends in man-hours of farm labor in different parts of the country.

Two additional supplements are available.

Supplement I contains nine regional tables of index numbers of farm production for each of the groups of livestock and crops shown in table 1 in the main publication.

Supplement III contains nine regional tables of index numbers of farm production per man-hour for each of the groups of livestock and crops shown in table 14 in the main publication.

Prepared in
Production Economics Research Branch
Agricultural Research Service
United States Department of Agriculture

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The States in each geographic division are as follows:

New England - Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.

Middle Atlantic - New York, New Jersey, and Pennsylvania.

East North Central - Ohio, Indiana, Illinois, Michigan, and Wisconsin.

West North Central - Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas.

South Atlantic - Delaware, Maryland, Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

East South Central - Kentucky, Tennessee, Alabama, and Mississippi.

West South Central - Arkansas, Louisiana, Oklahoma, and Texas.

Mountain - Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, and Nevada.

Pacific - Washington, Oregon, and California.

Table 1.- Index numbers of man-hours of labor used for farm work, by groups of enterprises, New England Division, 1919-54

(1947-49 = 100)

Year	Farm output	Livestock and products						Crops									
		Total including horses and mules	Total excluding horses and mules	Meat animals 1/	Milk cows	Poultry 2/	Horses and mules	All crops	Feed grains 3/	Hay and forage 4/	Food grains	Vegetables 5/	Fruits and nuts 6/	Sugar crops 7/	Cotton	Tobacco	Oil crops
1919	154	148	131	188	154	51	484	163	380	213	---	105	184	246	---	106	---
1920	148	145	129	161	155	50	469	152	354	184	---	103	170	251	---	105	---
1921	147	145	129	158	155	49	458	150	367	156	---	112	156	200	---	111	---
1922	146	145	129	147	155	56	445	147	345	190	---	102	159	259	---	86	---
1923	146	143	129	129	154	59	434	149	328	182	---	106	164	209	---	104	---
1924	143	141	127	134	150	60	421	147	312	165	---	111	162	267	---	102	---
1925	140	136	122	117	145	62	408	146	324	168	---	107	160	206	---	102	---
1926	134	132	119	115	141	60	382	139	301	159	---	107	160	213	---	78	---
1927	131	128	116	117	136	59	361	137	279	167	---	108	144	272	---	79	---
1928	128	126	115	122	134	61	342	132	258	170	---	104	138	200	---	81	---
1929	127	124	114	122	133	59	317	133	255	167	---	108	147	198	---	77	---
1930	129	125	116	122	136	62	297	134	255	159	---	105	153	255	---	86	---
1931	131	128	120	129	140	63	282	135	252	166	---	119	135	118	---	80	---
1932	129	130	122	128	143	65	267	128	263	142	---	102	154	186	---	70	---
1933	130	130	124	125	144	69	253	130	261	140	---	119	153	118	---	50	---
1934	128	128	123	119	143	68	240	127	254	141	---	127	118	179	---	38	---
1935	128	126	121	111	142	68	228	130	260	160	---	117	127	262	---	44	---
1936	126	128	123	116	142	76	217	123	243	143	---	119	113	152	---	52	---
1937	129	129	125	121	141	81	205	129	231	158	---	120	128	161	---	59	---
1938	125	127	124	121	141	80	195	122	228	154	---	116	103	239	---	51	---
1939	126	128	125	120	140	87	182	122	227	153	---	112	112	142	---	65	---
1940	125	127	125	120	138	90	169	122	207	153	---	118	103	166	---	62	---
1941	122	123	122	116	134	91	161	119	206	141	---	116	110	117	---	66	---
1942	124	123	121	120	129	103	151	125	205	157	---	117	119	190	---	62	---
1943	126	126	125	130	127	119	144	126	180	154	---	132	106	153	---	62	---
1944	125	128	127	133	127	127	140	120	184	137	---	122	106	129	---	74	---

1945	118	121	121	117	121	123	133	113	156	139	---	119	84	53	---	79	---
1946	114	113	113	111	114	112	127	114	137	123	---	122	98	94	---	91	---
1947	106	105	105	103	107	99	115	106	112	115	---	104	102	120	---	98	---
1948	100	99	99	99	99	98	100	103	95	102	---	108	97	95	---	100	---
1949	94	96	96	98	94	103	85	91	93	83	---	88	101	85	---	102	---
1950	90	93	94	94	88	110	68	86	83	76	---	79	101	125	---	99	---
1951	87	93	94	97	86	116	61	79	78	80	---	68	95	110	---	87	---
1952	87	95	97	102	87	123	54	75	64	78	---	72	72	104	---	86	---
1953	90	98	101	107	91	126	51	79	63	74	---	76	89	91	---	88	---
1954 8/	89	99	102	101	91	131	45	74	61	74	---	71	76	105	---	85	---

1/ Cattle and calves, sheep and lambs, and hogs.
2/ Chickens and turkeys.
3/ All corn, oats, and barley.
4/ All hay.
5/ Potatoes, dry edible beans, truck crops, and farm gardens.
6/ Fruits and berries.
7/ Maple products.
8/ Preliminary.

Table 2.- Index numbers of man-hours of labor used for farm work, by groups of enterprises, Middle Atlantic Division, 1919-54

(1947-49 = 100)

Year	Farm output	Livestock and products						Crops									
		Total including horses and mules	Total excluding horses and mules	Meat animals 1/	Milk cows	Poultry 2/	Horses and mules	All crops	Feed grains 3/	Hay and forage 4/	Food grains 5/	Vegetables 6/	Fruits and nuts 7/	Sugar crops 8/	Cotton	Tobacco	Oil crops 9/
1919	163	134	112	120	128	62	508	207	323	218	374	124	170	303	---	139	---
1920	165	132	111	104	129	62	494	214	320	196	335	138	227	272	---	147	---
1921	153	131	111	102	128	62	473	187	306	159	318	122	150	157	---	140	---
1922	159	131	112	99	128	70	462	201	288	215	314	130	203	281	---	135	---
1923	153	132	113	92	129	75	449	185	265	186	287	125	183	258	---	138	---
1924	154	129	112	92	126	79	427	192	256	225	271	138	177	278	---	142	---
1925	150	127	111	91	124	80	404	184	282	192	266	119	171	228	---	135	---
1926	144	123	108	90	119	81	382	177	261	176	243	113	198	299	---	107	---
1927	140	121	107	94	117	83	360	169	235	215	229	116	147	238	---	111	---
1928	137	120	108	95	117	84	339	164	227	180	211	118	160	187	---	120	---
1929	134	120	108	95	118	82	320	155	214	177	201	113	145	144	---	123	---
1930	133	121	111	95	121	87	301	152	203	152	202	112	167	284	---	108	---
1931	138	121	111	91	124	80	290	164	236	170	198	115	169	159	---	132	---
1932	136	123	114	93	127	81	280	157	234	153	169	110	165	170	---	120	---
1933	134	124	115	93	128	83	272	150	214	155	172	118	146	161	---	58	---
1934	132	121	112	92	125	82	263	150	216	136	181	127	133	170	---	55	13
1935	135	118	110	90	122	82	258	160	226	179	188	122	146	226	---	72	17
1936	129	120	112	95	124	86	247	143	200	134	175	121	123	164	---	89	24
1937	132	121	114	100	124	89	240	149	206	139	191	120	147	161	---	82	37
1938	128	119	113	101	124	85	229	142	201	131	175	120	120	143	---	90	57
1939	130	121	115	106	125	90	219	143	191	143	155	122	132	176	---	106	89
1940	128	119	114	102	123	90	210	142	184	157	157	122	121	164	---	112	126
1941	125	117	112	100	122	90	199	137	180	135	143	121	122	119	---	120	129
1942	126	117	113	107	119	98	183	141	177	155	133	126	129	167	---	102	284
1943	122	118	116	117	116	116	168	127	144	158	126	118	105	137	---	94	300
1944	123	117	114	111	114	118	155	132	155	145	142	121	119	142	---	101	214

1945	115	114	112	105	111	118	141	118	138	144	128	112	82	49	---	93	139
1946	113	108	107	102	106	111	129	121	132	133	108	118	112	68	---	100	131
1947	104	103	103	100	103	103	116	105	104	115	112	101	103	119	---	102	109
1948	100	99	99	100	100	98	100	102	106	103	102	104	94	80	---	103	100
1949	96	98	98	100	97	99	84	93	90	82	86	95	103	101	---	95	91
1950	93	95	97	97	95	102	68	90	79	82	73	97	105	119	---	94	84
1951	91	95	97	99	93	107	60	85	71	83	67	92	97	108	---	89	77
1952	89	96	99	104	94	111	51	78	64	80	65	87	81	104	---	58	65
1953	90	98	101	105	96	113	45	78	59	81	65	92	80	82	---	62	72
1954 10/	90	99	102	102	98	116	40	77	61	79	52	85	89	99	---	68	67

1/ Cattle and calves, sheep and lambs, and hogs.
2/ Chickens and turkeys.
3/ All corn, oats, and barley.
4/ All hay.
5/ All wheat, rye, and buckwheat.
6/ Potatoes, sweetpotatoes, dry edible beans, truck crops, and farm gardens.
7/ Fruits and berries.
8/ Maple products.
9/ Soybeans.
10/ Preliminary.

Table 3.- Index numbers of man-hours of labor used for farm work, by groups of enterprises, East North Central Division, 1919-54
(1947-49 = 100)

Year	Farm output	Livestock and products						Crops									
		Total including horses and mules	Total excluding horses and mules	Meat animals 1/	Milk cows	Poultry 2/	Horses and mules	All crops	Feed grains 3/	Hay and forage 4/	Food grains 5/	Vegetables 6/	Fruits and nuts 7/	Sugar crops 8/	Cotton	Tobacco	Oil crops 9/
1919	149	117	94	87	98	85	626	196	219	188	439	136	138	348	---	260	1
1920	148	116	93	79	100	82	612	198	229	185	342	144	172	385	---	247	1
1921	140	115	93	77	100	82	591	179	213	161	304	132	125	303	---	196	1
1922	144	117	96	86	101	87	578	185	202	217	318	150	160	205	---	189	3
1923	144	119	99	88	104	92	562	181	209	167	309	142	158	270	---	208	4
1924	141	119	100	81	107	95	540	175	195	206	242	146	141	290	---	193	6
1925	141	118	99	76	108	95	511	177	221	137	216	146	138	257	---	196	5
1926	138	117	100	79	107	96	490	171	205	158	226	138	162	223	---	151	6
1927	133	116	100	82	106	99	469	159	181	200	208	130	127	204	---	114	7
1928	135	114	99	81	105	96	445	167	207	151	178	141	141	165	---	157	8
1929	130	114	99	78	107	93	426	155	179	190	183	127	130	109	---	197	9
1930	129	115	102	78	111	95	405	151	178	130	188	133	126	165	---	203	15
1931	136	117	105	81	115	93	389	165	194	148	215	136	168	122	---	216	17
1932	134	120	108	88	119	92	372	155	188	145	172	129	136	214	---	154	16
1933	131	123	112	93	122	95	360	145	167	134	186	131	137	265	---	103	13
1934	126	120	110	78	123	97	346	135	143	112	197	146	132	241	---	80	26
1935	131	116	105	74	120	89	336	155	164	187	213	139	155	209	---	84	53
1936	125	117	107	82	119	94	323	137	149	141	194	132	117	185	---	81	42
1937	131	115	106	82	118	91	309	155	171	157	233	135	148	141	---	119	49
1938	127	114	106	86	118	86	292	147	153	187	202	137	106	226	---	120	60
1939	127	116	109	96	118	89	275	143	146	176	173	133	133	221	---	132	85
1940	126	117	111	103	119	91	261	139	138	191	159	136	117	216	158	123	80
1941	125	118	112	105	119	93	244	137	137	170	150	139	122	194	200	106	98
1942	127	121	116	115	121	102	222	137	138	174	110	134	116	235	186	98	147
1943	125	123	119	122	120	115	204	128	132	164	95	126	93	90	91	96	155
1944	123	120	117	113	119	118	186	128	132	157	113	120	108	107	121	109	150

1945	:	117	115	113	104	116	114	163	121	122	147	118	116	84	126	81	112	142
1946	:	113	111	109	104	111	111	142	117	121	128	93	116	104	137	81	114	117
1947	:	103	105	104	99	106	103	120	102	98	115	103	101	102	111	85	101	114
1948	:	101	99	99	98	99	99	100	103	107	97	104	103	95	76	110	98	99
1949	:	96	96	97	103	95	98	80	95	95	88	93	96	103	113	105	101	87
	:																	
	:																	
1950	:	91	95	96	106	92	101	65	85	78	90	67	91	102	129	61	97	91
1951	:	89	94	96	109	90	101	57	81	72	96	62	91	90	68	62	88	87
1952	:	88	95	97	112	90	102	48	77	67	92	64	89	86	58	36	89	82
1953	:	88	95	97	112	91	100	41	77	65	89	69	91	90	59	49	78	87
1954 10/	:	87	96	99	115	92	103	35	75	65	89	53	87	72	76	81	83	96
	:																	
	:																	
	:																	
	:																	

1/ Cattle and calves, sheep and lambs, and hogs.
2/ Chickens and turkeys.
3/ All corn, oats, barley, and sorghum grain.
4/ All hay, sorghum forage, and sorghum silage.
5/ All wheat, rye, and buckwheat.
6/ Potatoes, sweetpotatoes, dry edible beans, dry field peas, truck crops, and farm gardens.
7/ Fruits, berries, and tree nuts.
8/ Sugar beets, sorghum sirup, and maple products.
9/ Soybeans and flaxseed.
10/ Preliminary.

Table 4. - Index numbers of man-hours of labor used for farm work, by groups of enterprises, West North Central Division, 1919-54
(1947-49 = 100)

Year	Farm output	Livestock and products						Crops									
		Total including horses and mules	Total excluding horses and mules	Meat animals 1/	Milk cows	Poultry 2/	Horses and mules	All crops	Feed grains 3/	Hay and forage 4/	Food grains 5/	Vegetables 6/	Fruits and nuts 7/	Sugar crops 8/	Cotton	Tobacco	Oil crops 9/
1919	147	123	91	81	102	82	605	179	179	211	304	127	350	148	24	73	30
1920	147	120	88	75	100	80	596	185	208	201	244	134	332	196	30	73	41
1921	145	122	91	82	102	80	596	175	194	188	245	134	249	155	24	72	30
1922	153	131	99	98	107	85	595	183	194	194	268	148	393	116	50	74	33
1923	154	134	104	103	111	89	585	181	210	195	205	139	333	114	56	102	58
1924	155	134	105	100	115	92	569	182	204	193	211	140	310	156	91	85	91
1925	152	132	104	92	118	93	548	179	215	165	182	130	286	158	112	94	74
1926	145	133	106	94	120	95	530	162	193	127	177	127	313	172	91	70	62
1927	152	132	107	94	120	97	510	178	202	212	196	133	275	172	56	70	68
1928	151	132	108	95	122	96	491	177	209	165	199	143	278	152	65	90	53
1929	149	133	110	96	126	97	474	170	199	181	172	134	274	196	85	110	52
1930	148	135	114	98	130	102	454	165	198	154	177	129	217	202	60	160	64
1931	145	136	117	103	136	95	431	157	191	129	157	122	282	175	92	143	47
1932	150	136	118	98	143	93	406	168	209	168	147	124	221	170	99	141	38
1933	143	140	123	102	151	95	385	147	182	138	118	118	226	202	92	144	30
1934	121	132	116	82	151	91	364	108	125	98	97	103	196	153	75	68	25
1935	129	120	105	70	141	80	339	141	156	186	131	122	230	145	63	75	51
1936	119	120	107	77	137	86	313	118	132	113	119	112	151	148	95	63	29
1937	123	113	101	68	132	81	291	136	147	139	155	119	194	146	127	106	24
1938	122	112	102	75	130	80	266	135	139	167	159	123	142	180	94	126	25
1939	122	118	109	88	131	92	248	128	133	164	117	126	160	157	114	128	50
1940	123	119	111	91	132	94	238	130	134	180	109	131	152	165	107	109	67
1941	125	122	115	98	133	97	227	129	131	180	114	125	132	139	121	103	70
1942	131	129	123	113	135	110	212	135	142	176	105	127	127	166	110	96	110
1943	133	136	131	128	135	126	199	130	142	157	96	129	103	109	82	105	127
1944	129	128	124	111	132	129	185	129	142	159	103	119	95	106	104	123	89

1945	120	121	118	107	123	123	167	118	127	141	104	117	98	114	51	134	104
1946	113	113	111	102	114	118	147	113	122	118	103	113	102	126	75	130	84
1947	105	107	106	102	107	108	121	102	99	113	107	103	105	120	81	98	108
1948	100	97	97	96	99	97	100	104	108	98	100	101	93	92	114	101	102
1949	95	96	97	102	94	95	79	94	93	89	93	96	102	88	105	101	90
1950	91	95	97	107	91	96	62	85	85	89	77	92	93	109	58	95	95
1951	89	95	98	112	89	95	54	81	77	92	76	86	93	99	74	87	87
1952	87	93	97	112	87	93	44	79	74	85	78	84	81	94	77	98	88
1953	86	93	97	113	88	90	36	76	71	86	67	84	70	98	80	79	98
1954 10/	87	94	99	117	88	93	31	77	72	90	56	84	66	108	72	84	118

1/ Cattle and calves, sheep and lambs, and hogs.
2/ Chickens and turkeys.
3/ All corn, oats, barley, and sorghum grain.
4/ All hay, sorghum forage, and sorghum silage.
5/ All wheat, rye, and buckwheat.
6/ Potatoes, sweetpotatoes, dry edible beans, dry field peas, truck crops, and farm gardens.
7/ Fruits, berries, and tree nuts.
8/ Sugar beets, sorghum sirup, and maple products.
9/ Soybeans and flaxseed.
10/ Preliminary.

Table 5.- Index numbers of man-hours of labor used for farm work, by groups of enterprises, South Atlantic Division, 1919-54
(1947-49 = 100)

Year	Farm output	Livestock and products						Crops									
		Total including horses and mules	Total excluding horses and mules	Meat animals 1/	Milk cows	Poultry 2/	Horses and mules	All crops	Feed grains 3/	Hay and forage 4/	Food grains 5/	Vegetables 6/	Fruits and nuts 7/	Sugar crops 8/	Cotton	Tobacco	Oil crops 9/
1919	131	96	78	71	90	62	189	143	175	101	276	92	73	230	323	64	48
1920	132	94	78	69	90	60	185	145	170	104	242	95	80	219	312	77	51
1921	112	94	78	68	91	60	183	118	172	95	217	91	69	184	223	48	51
1922	111	95	79	69	93	62	177	116	165	115	218	103	81	161	198	56	45
1923	113	94	80	67	93	64	172	120	157	95	210	99	84	123	209	71	48
1924	112	93	79	63	93	65	167	119	142	106	176	98	91	95	227	61	66
1925	118	92	78	61	93	65	164	127	145	73	170	98	82	83	263	71	64
1926	121	90	77	60	90	65	159	132	142	84	189	93	94	128	288	70	56
1927	116	90	78	63	89	68	155	125	141	107	176	99	80	115	229	83	65
1928	116	90	78	62	89	69	152	125	131	100	172	95	91	102	233	88	68
1929	119	89	78	63	90	65	148	129	133	90	170	102	88	118	243	89	70
1930	121	89	79	62	93	66	145	131	133	63	159	100	81	124	254	98	65
1931	119	90	80	63	97	63	141	128	148	100	186	98	103	141	229	82	83
1932	105	93	85	70	101	65	137	109	145	93	168	105	78	181	186	49	85
1933	115	95	88	74	106	65	134	122	148	99	172	97	87	194	202	83	73
1934	107	94	87	70	108	63	133	111	149	100	184	109	85	176	163	63	81
1935	114	93	86	69	107	62	132	121	158	112	194	109	91	187	166	86	82
1936	110	93	86	72	104	65	132	115	143	88	189	103	84	156	173	77	92
1937	121	93	86	74	101	67	132	130	147	125	189	103	93	158	215	93	89
1938	109	93	85	76	100	66	132	115	153	128	182	105	89	152	140	85	94
1939	119	95	88	79	100	71	133	127	149	124	167	107	95	148	147	122	101
1940	111	95	89	77	101	76	131	117	146	132	168	105	100	122	162	76	112
1941	103	98	92	81	103	83	128	105	139	123	164	104	100	135	122	70	100
1942	111	103	99	92	105	93	124	113	131	136	160	109	107	151	138	80	137
1943	111	109	107	105	108	106	121	111	134	133	135	109	93	155	129	81	140
1944	114	111	109	107	109	112	119	116	131	121	153	107	103	159	127	102	128

1945	109	108	107	101	107	113	115	109	121	128	129	106	101	146	99	107	122
1946	109	106	105	104	104	106	111	110	113	115	107	109	107	127	93	119	115
1947	105	102	101	101	102	101	106	106	107	102	115	100	102	122	96	115	114
1948	100	99	99	99	100	97	101	100	99	105	99	99	102	98	110	91	109
1949	95	99	100	100	98	102	93	94	94	93	86	101	96	80	94	94	77
1950	91	100	102	105	99	105	86	88	90	83	72	104	105	73	60	99	72
1951	99	100	104	110	98	109	82	98	81	84	72	98	113	63	100	113	68
1952	95	101	106	115	97	114	75	93	76	84	72	97	108	61	91	111	56
1953	93	101	107	117	99	113	69	90	74	78	74	100	116	64	86	102	54
1954 10/	90	102	110	120	100	118	64	86	71	75	60	98	115	53	65	105	49

1/ Cattle and calves, sheep and lambs, and hogs.
2/ Chickens and turkeys.
3/ All corn, oats, barley, and sorghum grain.
4/ All hay, sorghum forage, and sorghum silage.
5/ All wheat, rye, and buckwheat.
6/ Potatoes, sweetpotatoes, truck crops, and farm gardens.
7/ Fruits, berries, and tree nuts.
8/ Sugarcane, sorghum sirup, and maple products.
9/ Soybeans, peanuts, and tungnuts.
10/ Preliminary.

Table 6.- Index numbers of man-hours of labor used for farm work, by groups of enterprises, East South Central Division, 1919-54
(1947-49 = 100)

Year	Farm output	Livestock and products						Crops									
		Total including horses and mules	Total excluding horses and mules	Meat animals 1/	Milk cows	Poultry 2/	Horses and mules	All crops	Feed grains 3/	Hay and forage 4/	Food grains 5/	Vegetables 6/	Fruits and nuts 7/	Sugar crops 8/	Cotton	Tobacco	Oil crops 9/
1919	128	89	70	68	71	68	180	145	226	94	359	102	132	342	119	131	89
1920	124	88	70	65	73	65	177	140	222	93	231	108	158	346	116	112	93
1921	117	87	70	66	72	65	175	130	232	88	215	106	126	346	100	74	83
1922	124	87	70	63	72	67	174	140	212	99	203	113	179	262	121	110	68
1923	118	88	71	62	73	70	173	132	193	92	189	104	139	208	114	125	60
1924	120	87	70	57	72	73	171	135	186	87	136	108	179	141	132	103	75
1925	131	85	69	55	72	72	167	152	185	64	147	116	140	157	174	102	64
1926	133	86	70	56	73	74	166	154	188	87	174	118	166	175	175	95	58
1927	119	88	73	63	74	79	164	133	175	94	149	117	124	164	144	59	73
1928	123	88	74	60	77	77	160	138	165	85	136	107	164	155	158	81	77
1929	130	87	73	57	79	70	156	149	168	90	121	110	134	173	173	103	76
1930	125	87	74	55	81	73	153	142	156	60	112	111	127	162	167	109	65
1931	135	89	77	57	86	68	149	156	187	107	184	114	174	273	168	120	87
1932	125	92	82	66	92	69	144	139	179	105	163	126	115	296	141	88	101
1933	126	95	86	71	97	72	142	140	177	106	168	123	143	305	140	98	81
1934	117	96	87	68	100	69	140	126	182	110	192	128	139	336	109	75	100
1935	116	95	86	70	98	69	139	126	176	122	196	125	132	283	114	66	105
1936	119	93	84	72	93	70	139	130	170	90	202	120	121	241	134	64	110
1937	135	92	83	71	91	70	139	153	169	134	271	125	154	236	173	97	98
1938	119	92	83	77	90	68	139	131	175	148	240	125	122	208	121	81	105
1939	115	94	85	84	90	72	141	124	163	137	166	119	142	199	113	90	106
1940	112	94	85	78	91	73	139	120	164	136	173	115	117	146	105	84	129
1941	111	96	88	80	94	77	136	118	162	142	177	118	160	196	103	73	126
1942	117	103	97	96	100	92	132	123	156	145	159	118	124	191	114	75	198
1943	116	110	106	111	104	108	126	119	149	139	131	121	105	194	108	82	194
1944	115	110	108	106	106	114	122	117	138	118	180	115	109	184	107	105	161

1945	107	105	103	96	105	107	116	108	124	135	154	112	115	168	93	107	139
1946	102	104	103	99	103	106	113	101	115	119	110	110	103	170	84	114	123
1947	100	102	100	99	101	100	107	99	104	110	112	104	107	130	92	98	114
1948	104	99	99	100	99	99	101	107	106	96	104	100	104	101	113	101	104
1949	96	99	101	101	100	101	92	94	90	94	84	96	89	69	95	101	82
1950	86	100	103	103	103	104	84	79	84	86	64	95	82	55	68	92	74
1951	88	98	102	106	102	99	80	83	70	79	56	88	87	31	84	102	67
1952	87	98	102	107	101	102	74	82	60	69	64	85	83	29	89	105	57
1953	87	98	104	105	105	100	69	83	58	75	88	87	84	31	94	95	50
1954 10/	81	99	105	110	106	102	64	73	58	69	75	86	77	31	70	100	49

1/ Cattle and calves, sheep and lambs, and hogs.
2/ Chickens and turkeys.
3/ All corn, oats, barley, and sorghum grain.
4/ All hay, sorghum forage, and sorghum silage.
5/ All wheat, rye, buckwheat, and rice.
6/ Potatoes, sweetpotatoes, truck crops, and farm gardens.
7/ Fruits, berries, and tree nuts.
8/ Sugarcane sirup and sorghum sirup.
9/ Soybeans, peanuts, and tungnuts.
10/ Preliminary.

Table 7.- Index numbers of man-hours of labor used for farm work, by groups of enterprises, West South Central Division, 1919-54
(1947-49 = 100)

Year	Farm output	Livestock and products						Crops									
		Total including horses and mules	Total excluding horses and mules	Meat animals 1/	Milk cows	Poultry 2/	Horses and mules	All crops	Feed grains 3/	Hay and forage 4/	Food grains 5/	Vegetables 6/	Fruits and nuts 7/	Sugar crops 8/	Cotton	Tobacco	Oil crops 9/
1919	155	120	89	118	86	66	348	171	335	223	141	79	98	118	179	---	25
1920	168	118	88	113	85	65	342	191	348	222	129	86	65	127	215	---	24
1921	144	116	86	107	84	65	340	156	387	206	112	79	69	152	146	---	27
1922	150	116	86	101	88	68	337	165	319	200	102	82	82	141	176	---	22
1923	155	114	84	91	87	71	337	174	277	197	88	77	77	125	206	---	19
1924	170	113	84	90	86	73	331	196	270	183	82	81	85	116	250	---	19
1925	172	114	84	87	88	73	331	199	227	122	75	85	77	111	269	---	17
1926	183	113	84	81	90	76	328	215	273	176	92	91	88	76	283	---	20
1927	163	115	88	84	92	84	313	185	314	176	82	94	75	59	220	---	35
1928	173	116	90	85	94	87	303	199	292	168	82	93	89	81	249	---	42
1929	166	116	92	86	97	85	294	189	268	144	76	96	93	92	237	---	47
1930	159	116	93	84	101	86	283	178	265	137	77	102	79	88	216	---	36
1931	171	117	96	89	106	81	268	196	315	159	86	99	101	93	237	---	45
1932	162	122	104	102	113	84	258	180	322	170	74	112	92	105	201	---	52
1933	161	126	109	108	121	84	248	177	282	166	66	94	90	107	209	---	50
1934	127	120	103	91	122	75	240	130	258	149	69	84	97	110	129	---	62
1935	132	111	95	75	116	69	229	142	277	206	69	107	100	123	136	---	60
1936	132	115	101	95	115	77	217	139	242	150	76	96	86	124	145	---	61
1937	152	116	104	100	115	80	207	169	250	146	93	104	109	138	194	---	57
1938	130	116	105	105	116	78	194	136	256	194	93	101	99	139	128	---	68
1939	128	118	109	114	116	86	186	133	246	192	81	101	113	132	124	---	77
1940	129	117	109	106	117	90	177	135	246	228	82	101	113	102	126	101	90
1941	123	120	113	114	121	93	168	124	228	220	86	101	121	114	109	41	89
1942	129	128	124	135	126	109	160	130	222	197	85	107	112	131	116	43	213
1943	124	134	132	144	128	129	152	119	212	187	84	108	96	133	101	72	182
1944	121	131	130	132	128	133	145	116	197	182	92	113	101	123	97	98	152

1945	105	124	123	122	124	125	134	96	156	166	96	112	106	139	69	78	142
1946	99	116	115	114	114	118	123	92	142	137	99	114	107	126	65	72	140
1947	100	106	105	106	106	103	112	98	113	107	106	102	108	107	89	136	130
1948	97	98	98	97	98	98	99	96	101	109	99	100	99	99	92	85	101
1949	103	96	97	97	96	99	89	106	86	84	95	98	93	94	119	79	69
1950	81	96	98	98	96	103	81	75	95	79	66	96	90	95	62	88	58
1951	87	94	97	99	93	102	73	84	65	82	68	86	80	83	90	107	51
1952	82	92	95	99	90	103	65	78	50	78	73	88	77	92	81	107	45
1953	81	89	94	95	91	97	58	77	45	85	71	89	82	91	78	75	40
1954 10/	76	90	95	99	91	100	52	70	54	76	68	91	79	83	66	88	40

1/ Cattle and calves, sheep and lambs, and hogs.
2/ Chickens and turkeys.
3/ All corn, oats, barley, and sorghum grain.
4/ All hay, sorghum forage, and sorghum silage.
5/ All wheat, rye, and rice.
6/ Potatoes, sweetpotatoes, truck crops, and farm gardens.
7/ Fruits, berries, and tree nuts.
8/ Sugar beets, sugarcane, and sorghum sirup.
9/ Soybeans, peanuts, flaxseed, and tungnuts.
10/ Preliminary.

Table 8.- Index numbers of man-hours of labor used for farm work, by groups of enterprises, Mountain Division, 1919-54
(1947-49 = 100)

Year	Farm output	Livestock and products						Crops									
		Total including horses and mules	Total excluding horses and mules	Meat animals 1/	Milk cows	Poultry 2/	Horses and mules	All crops	Feed grains 3/	Hay and forage 4/	Food grains 5/	Vegetables 6/	Fruits and nuts 7/	Sugar crops 8/	Cotton	Tobacco	Oil crops 9/
1919	113	125	96	77	100	75	405	102	106	150	128	66	143	145	21	---	88
1920	123	122	93	79	97	75	403	125	139	179	176	68	130	168	39	---	160
1921	124	130	102	98	99	75	412	119	134	175	175	69	137	152	16	---	80
1922	122	128	99	87	104	80	412	116	129	169	170	82	140	110	23	---	71
1923	128	132	104	95	108	83	406	124	164	178	153	78	141	136	37	---	97
1924	126	136	109	102	114	85	395	116	138	155	130	81	119	155	56	---	201
1925	130	136	110	99	118	89	383	124	145	172	136	101	131	129	59	---	106
1926	129	136	112	100	119	92	368	123	134	163	145	99	131	139	59	---	86
1927	134	135	113	96	121	98	351	132	139	183	172	107	126	142	49	---	146
1928	136	137	117	98	123	103	337	134	143	176	174	112	123	126	70	---	148
1929	132	136	117	96	126	105	324	129	140	158	142	119	122	150	73	---	177
1930	134	139	122	102	128	105	308	129	139	153	136	126	111	160	73	---	253
1931	126	142	127	106	132	105	291	111	129	128	103	111	114	145	63	---	105
1932	125	134	119	95	136	100	276	117	152	162	119	94	114	135	43	---	108
1933	124	137	123	99	143	98	268	112	133	143	92	105	99	171	56	---	43
1934	114	136	124	99	143	95	256	93	90	108	86	95	105	127	55	---	21
1935	115	127	115	92	133	85	240	105	115	134	92	110	108	114	56	---	33
1936	115	125	115	94	130	93	222	105	108	127	91	106	103	131	78	---	15
1937	118	122	113	94	127	89	204	114	107	129	99	114	102	131	118	---	8
1938	117	121	113	97	125	85	190	114	113	142	116	109	106	143	73	---	16
1939	114	124	118	102	126	96	182	106	105	127	89	111	98	135	74	---	56
1940	117	126	120	106	128	98	179	109	108	132	94	111	104	140	79	---	80
1941	120	129	124	112	131	100	173	111	126	141	96	110	102	116	73	---	81
1942	123	133	130	119	134	115	167	113	139	136	84	114	94	141	77	---	182
1943	123	135	132	123	135	131	162	111	131	133	91	133	99	96	58	---	255
1944	119	129	127	117	132	136	146	110	134	135	90	123	108	96	56	---	121

1945	113	122	120	113	124	129	140	104	114	126	85	119	108	111	49	---	177
1946	107	113	112	107	114	116	128	100	102	114	92	113	99	121	57	---	64
1947	103	105	104	101	106	104	114	101	98	107	102	106	103	129	75	---	124
1948	100	100	100	102	100	97	100	99	101	99	101	101	99	90	95	---	106
1949	97	95	96	97	94	99	86	100	101	94	97	93	98	81	130	---	70
1950	92	93	95	99	91	97	75	91	100	93	80	86	84	96	96	---	50
1951	95	95	97	106	88	96	70	95	82	92	90	83	93	73	151	---	36
1952	94	94	97	109	84	93	64	94	73	99	90	78	99	63	154	---	19
1953	95	94	97	109	87	88	59	96	74	103	91	83	83	69	152	---	28
1954 10/	94	95	99	111	89	90	56	93	100	97	67	80	100	78	130	---	69

1/ Cattle and calves, sheep and lambs, and hogs.
2/ Chickens and turkeys.
3/ All corn, oats, barley, and sorghum grain.
4/ All hay, sorghum forage, and sorghum silage.
5/ All wheat and rye.
6/ Potatoes, dry edible beans, dry field peas, truck crops, and farm gardens.
7/ Fruits, berries, and tree nuts.
8/ Sugar beets.
9/ Peanuts and flaxseed.
10/ Preliminary.

Table 9.- Index numbers of man-hours of labor used for farm work, by groups of enterprises, Pacific Division, 1919-54
(1947-49 = 100)

Year	Farm output	Livestock and products						Crops									
		Total including horses and mules	Total excluding horses and mules	Meat animals 1/	Milk cows	Poultry 2/	Horses and mules	All crops	Feed grains 3/	Hay and forage 4/	Food grains 5/	Vegetables 6/	Fruits and nuts 7/	Sugar crops 8/	Cotton	Tobacco	Oil crops 9/
1919	92	110	90	95	90	70	596	84	176	160	248	70	78	59	10	---	---
1920	91	108	88	86	89	70	585	83	168	159	219	69	78	66	15	---	---
1921	88	110	92	96	92	72	561	79	153	170	199	63	73	64	6	---	---
1922	94	112	94	105	95	70	552	86	148	158	180	77	86	28	6	---	---
1923	97	114	97	109	100	71	527	89	149	168	182	73	92	33	10	---	---
1924	89	117	100	107	103	76	519	78	117	129	140	68	80	44	15	---	---
1925	95	117	101	104	104	79	499	86	152	154	175	74	85	42	22	---	---
1926	98	118	104	106	105	86	470	89	131	145	157	81	91	23	23	---	---
1927	99	121	108	110	106	96	439	90	117	150	176	83	93	28	16	---	---
1928	102	123	111	112	107	106	414	93	123	143	161	89	96	28	30	---	---
1929	103	123	112	112	109	106	387	94	133	137	152	98	92	27	44	---	---
1930	106	123	113	107	111	108	358	99	140	149	153	104	97	34	42	---	---
1931	101	124	116	116	114	104	333	90	116	133	143	99	89	47	28	---	---
1932	102	121	113	113	117	93	315	94	153	153	142	98	92	54	20	---	---
1933	99	120	113	109	119	88	303	90	131	134	162	87	89	60	34	---	---
1934	100	120	113	114	119	88	296	91	123	127	126	99	89	59	38	---	11
1935	103	121	114	122	118	86	291	96	146	136	129	98	96	60	36	---	28
1936	105	124	118	132	118	97	276	96	133	135	145	105	89	73	64	---	29
1937	110	123	118	128	119	98	258	104	129	131	146	106	96	74	106	---	30
1938	106	124	119	135	120	95	238	99	127	134	134	103	96	96	61	---	31
1939	105	125	121	137	121	98	222	97	140	130	111	101	93	99	62	---	77
1940	106	124	120	134	121	101	212	98	138	132	117	98	93	104	73	---	103
1941	106	126	123	139	122	103	203	97	128	130	118	99	96	85	57	---	127
1942	105	127	124	146	121	111	189	96	154	129	104	97	93	103	56	---	128
1943	107	126	124	143	118	121	174	98	135	137	110	108	97	54	46	---	188
1944	107	125	124	141	116	125	158	99	124	134	117	109	100	54	44	---	104

1945	105	120	119	127	114	126	143	99	115	129	113	108	100	68	45	---	71
1946	107	112	111	114	110	113	128	104	113	116	114	114	108	87	53	---	61
1947	103	105	104	106	106	99	115	102	104	110	107	105	103	106	82	---	76
1948	99	98	99	99	99	97	101	99	103	98	99	99	99	108	99	---	119
1949	98	97	97	95	95	104	84	99	93	92	94	96	98	86	119	---	105
1950	94	94	94	90	92	103	73	94	101	93	75	95	96	122	81	---	31
1951	100	95	96	95	90	110	67	103	82	87	83	102	101	82	148	---	32
1952	99	95	97	96	90	114	61	100	83	91	85	98	100	82	134	---	22
1953	97	97	98	98	93	113	56	97	83	92	90	97	95	94	128	---	12
1954 10/	96	99	100	100	95	114	51	95	121	92	76	95	97	115	92	---	21

1/ Cattle and calves, sheep and lambs, and hogs.
2/ Chickens and turkeys.
3/ All corn, oats, barley, and sorghum grain.
4/ All hay, sorghum forage, and sorghum silage.
5/ All wheat, rye, and rice.
6/ Potatoes, sweetpotatoes, dry edible beans, dry field peas, truck crops, and farm gardens.
7/ Fruits, berries, and tree nuts.
8/ Sugar beets.
9/ Flaxseed.
10/ Preliminary.